

This map is preliminary and has not been edited for conformity with Geological Survey standards or nomenclature.

72-196

Explanation

Quaternary

Qal

Alluvium and wadi fill

gp

Massive, reddish amphibole granite that intrudes Shanmar formation.

rtp

Fine-to medium-grained biotite granite cut by numerous rhyolitic dikes. Granitized inclusions common. Age relationships not known.

sr

Shanmar formation. Greenish flow rocks and brown andesite flows with interbedded indurated shale.

gr

Granite of various kinds. Light-colored, medium-grained biotite granite, red coarse-grained hornblende granite. Intrudes meta-volcanic rocks and Hadiyah formation.

dg

Gray hornblende-biotite granodiorite.

h

Hadiyah formation. Maroon and green argillite and dark silt stone with minor sandstone and conglomerate.

gd

Metavolcanic rocks. Slightly metamorphosed andesitic flows and and pyroclastic rocks. Minor felsitic volcanic rock and wacke.

cu

Cambrian sandstone outside of mapped area.



Contact, dashed where approximately located, dotted where concealed.



Fault, dashed where approximately located, dotted where concealed.



Dike



Samples of wadi sediment with 20 ppm (parts per million) or less of copper.



Sample with 30 ppm copper.



Sample with from 3 to 7 ppm molybdenum.

4018

Sample or specimen number and locality.

X

Rock specimen locality

10311 TS

Rock specimen with thin section

10311A

Analyzed rock specimen.

